03040202-160

(Singleton Swamp)

General Description

Watershed 03040202-160 is located in Florence and Williamsburg Counties and consists primarily of ***Singleton Swamp*** and its tributaries. The watershed occupies 36,030 acres of the Lower Coastal Plain region of South Carolina. The predominant soil types consist of an association of the Lynchburg-Foreston-Fuquay-Rains-Goldsboro series. The erodibility of the soil (K) averages 0.15; the slope of the terrain averages 2%, with a range of 0-6%. Land use/land cover in the watershed includes: 40.8% forested land, 32.1% agricultural land, 14.1% scrub/shrub land, 9.8% forested wetland, 2.9% urban land, 0.1% water, 0.1% barren land, and 0.1% nonforested wetland.

Smith Swamp (Spring Bay, Graham Branch) and McNamee Swamp join to form Singleton Swamp, which accepts drainage from Long Branch before draining into Lake Swamp. There are a total of 41.3 stream miles in this watershed and a few ponds totaling 27.2 acres, all classified FW.

Water Quality

Station #	Type	Class	Description
PD-314	W	FW	SINGLETON SWAMP AT S-21-67

Singleton Swamp (PD-314) - Aquatic life uses are fully supported. This is a blackwater swamp system, characterized by naturally low pH and dissolved oxygen concentrations. Although pH and dissolved oxygen excursions occurred, they were typical of values seen in blackwater swamps and were considered natural, not standards violations. Recreational uses are partially supported due to fecal coliform bacteria excursions.

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

LANDFILL NAME *FACILITY TYPE*	*PERMIT #* *STATUS*
WILLIAMSBURG COUNTY MUNICIPAL	451002-1201 --------
CITY OF LAKE CITY LANDFILL MUNICIPAL	211002-1201 (DWP-911, DWP-067) CLOSED

Growth Potential

There is a low potential for growth in this watershed, which contains a portion of the City of Lake City. Water and sewer services are limited to the urban areas of Lake City. An industrial park has been designated on U.S. Hwy. 52, near the top of the watershed, and may bring about some future growth.